



## Enclosed Track Crane System results in improved ergonomics

### Features and Benefits

Better Ergonomics

Increased Productivity

Load handling flexibility

**Industry Group:** Monorail Manufacturers Association, Inc. (MMA)



*The force required to begin movement is approximately 1% of the load being moved.*

### Overview of what was accomplished.

A workstation that handles a wide variety of parts required a flexible material handling system that could be suspended from existing building steel. A Crane system with a single girder Enclosed Track Bridge was selected. The key design features of the Enclosed Track system are:

- Strong but lightweight track profiles.
- Low friction trolleys with plastic wheels and sealed antifriction bearings.
- Hanger components and crane bridge suspensions that articulate and prevent binding

Components from 100lb to 1 ton are easily and precisely positioned by hand. The articulating design insures that the bridge is easy to move, especially when the load is at or near the end of the crane bridge.

### Wrap Up.

The Enclosed Track Crane System immediately improved the ergonomics at this workstation.



**Demag Cranes & Components Corporation**

29201 Aurora Road

Solon, OH 44139

Phone: 440-248-2400

[jim.tucker@demag-us.com](mailto:jim.tucker@demag-us.com)

[www.demag-us.com](http://www.demag-us.com)